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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/732,294	12/08/2000	Alanen Kimmo	367.39383X00	2671

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EXAMINER

VU, KIEU D

ART UNIT

PAPER NUMBER

2173

DATE MAILED: 06/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/732,294

Applicant(s)

KIMMO ET AL.

Examiner

Kieu D Vu

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspond nce address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 15 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language. This claim is an omnibus type claim.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lahtinen et al ("Lahtinen", WO 99/35595) and Grant ("Grant", USP 5854624).

Regarding claims 1-2, 11, and 14-15, Lahtinen teaches a telecommunication apparatus for requesting the download of respective pages of received information from a remote source comprising (page 1, lines 3-6): means for receiving respective pages of information including encoded information identifying respective links to other pages (page 3, lines 22-28); a display for displaying the received page (telephone 1); and a fixed location input key (input key of telephone 1). Lahtinen does not teach the associating the input key with the linked page such that actuation of the input key during the display period requests the respective linked page for download from the remote

source. However, such feature is known in the art as taught by Grant. Grant teaches pocket-size user interface for internet browser terminals which comprises preprogrammed keys to download web page (Fig. 5, col 5, lines 41-67). Grant also teaches the display labeling at predefined position 54. It would have been obvious to one of ordinary skill in the art, having the teaching of Lahtinen and Grant before him at the time the invention was made, to modify the interface system taught by Lahtinen to include preprogrammed keys taught by Grant with the motivation being to quickly and conveniently browse the Internet.

Regarding claim 3, Lahtinen teaches the display period is the duration of the display of the received page (page 2, lines 17-21).

Regarding claim 4, Lahtinen teaches that the input key is a dedicated key (input key of telephone 1).

Regarding claim 5, Lahtinen teaches a group of alphanumeric keys provided for dialing (input key of telephone 1).

Regarding claim 6, Grant teaches the input key is a touch-sensitive area of the display (col 4, lines 33-35).

Regarding claim 7, Grant teaches a caption indicative of the linked page is provided in close proximity to the input key (col 4, lines 41-49).

Regarding claim 8, Grant teaches the caption is provided immediately above the input key (area 54 in Fig. 3).

Regarding claim 9, Grant teaches the remote source is a computer capable of connection to the World Wide Web (WWW) (Fig. 2).

Regarding claim 10, Lahtinen teaches a markup language decoder (page 2, lines 14-19).

Regarding claim 12, Lahtinen and Grant do not teach that the apparatus is arranged to be mountable in a vehicle. However, Grant teaches the attachment means for attaching keypad to a surface, it would have been obvious to one of ordinary skill in the art, having the teaching of Lahtinen and Grant before him at the time the invention was made, to modify the interface system taught by Lahtinen and Grant to mount the device in a vehicle with the motivation being to enhance the application of the device.

Regarding claim 13, Lahtinen teaches the apparatus is a portable wireless telecommunication apparatus (telephone 1).

5. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach about displaying web page on a hand-held device and corresponding a number on input device with each link from a web page.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu whose telephone number is (703-605-1232). The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached on (703- 308-3116).

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7238 (After Final Communication)

or

(703)-746-7239 (Official Communications)

(703)-746-7240 (For Status Inquiries, draft communication)

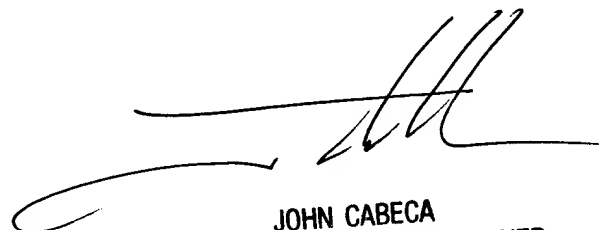
and / or:

(703)-746-5639 (use this FAX #, only after approval by Examiner, for
"INFORMAL" or "DRAFT" communication. Examiners may request that a formal
paper / amendment be faxed directly to them on occasions)

Any inquiry of a general nature or relating to the status of this application or
proceeding should be directed to the receptionist whose telephone number is (703-305-
3900).

Kieu D. Vu

May 31, 03



JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

SO-PAPT-00013

**REFERENCE COPYING
SPECIAL INSTRUCTIONS**

DATE: 05/31/03

APPLICATION SERIAL NUMBER: 09/732294

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